

## Butler, Douglas

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**From:** PLUS  
**Sent:** Wednesday, March 03, 2004 9:10 AM  
**To:** Butler, Douglas  
**Subject:** PLUS Results for 10612178

Here are the PLUS search results for 10612178.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10612178\_QUAL.txt



10612178\_LIST.txt



10612178\_WEST.txt



10612178\_EAST.txt



10612178.east



10612178\_CLS.txt



10612178\_CLSTITLES.1



10612178\_WDS.txt

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## 10612178\_LIST

PLUS Search Results for S/N 10612178, Searched March 03, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4786034	4273378	5200899
4889361	4322670	5200902
5346242	4337839	5218546
5374077	4346776	5228305
5483450	4436170	5230396
5947084	4501188	5235950
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5983144	4562874	5257802
5995737	4567564	5261503
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5610330	4621772	5273349
5845735	4622936	5275475
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10612178\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10612178 on March 03, 2004

Original Classifications

9	180/197
5	303/146
5	701/41
4	701/37
3	73/118.1
3	303/162
3	701/1
3	701/111
3	701/36
3	701/70
3	701/72
2	73/146
2	73/178R
2	180/169
2	180/179
2	180/446
2	303/191
2	303/7
2	701/71
2	701/84

Cross-Reference Classifications

8	180/197
7	701/72
6	180/422
5	180/247
5	280/5.515
5	303/146
5	303/147
4	123/399
4	180/248
4	180/249
4	303/140
4	701/41
3	180/446
3	303/113.4
3	303/173
3	477/155
3	701/74
3	701/99
2	73/116
2	73/117.3
2	73/669
2	123/352
2	123/361
2	123/436
2	137/625.47
2	137/876
2	180/167
2	180/233
2	180/335
2	180/421
2	188/112A
2	188/314

2 188/322.13  
2 303/113.5  
2 303/115.2  
2 303/20  
2 303/DIG 3  
2 324/379  
2 340/903  
2 477/154  
2 700/50  
2 701/110  
2 701/13  
2 701/20  
2 701/213  
2 701/37  
2 701/51  
2 701/70  
2 701/80  
2 701/82  
2 701/89

## Combined Classifications

17 180/197  
10 303/146  
10 701/72  
9 701/41  
7 180/422  
6 180/247  
6 280/5.515  
6 701/37  
5 123/399  
5 180/249  
5 180/446  
5 303/147  
5 701/70  
4 180/248  
4 303/113.4  
4 303/140  
4 303/162  
4 701/1  
3 73/118.1  
3 73/146  
3 303/173  
3 303/7  
3 477/155  
3 701/111  
3 701/36  
3 701/71  
3 701/74  
3 701/99  
2 73/116  
2 73/117.3  
2 73/178R  
2 73/669  
2 123/352  
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2 123/436  
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2 137/625.47  
2 137/876

2 180/167  
2 180/169  
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2 180/421  
2 188/112A  
2 188/314  
2 188/322.13  
2 244/164  
2 244/223  
2 280/5.514  
2 296/180.1  
2 303/113.5  
2 303/115.2  
2 303/150  
2 303/191  
2 303/20  
2 303/DIG 3  
2 324/379  
2 340/903  
2 381/57  
2 434/62  
2 477/154  
2 700/50  
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10612178\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10612178 on March 03, 2004

17	180/197	(9 OR, 8 XR)
	Class 180 :	MOTOR VEHICLES
	180/197	WITH MEANS FOR DETECTING WHEEL SLIP DURING VEHICLE ACCELERATION AND CONTROLLING IT BY REDUCING APPLICATION OF POWER TO WHEEL
10	303/146	(5 OR, 5 XR)
	Class 303 :	FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
	303/121	SPEED-CONTROLLED
	303/146	.With yaw control
10	701/72	(3 OR, 7 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/70	.Indication or control of braking, acceleration, or deceleration
	701/71	..Antiskid, antilock, or brake slip control
	701/72	...During cornering or turning of vehicle
9	701/41	(5 OR, 4 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/36	.Vehicle subsystem or accessory control
	701/41	..Steering control
7	180/422	(1 OR, 6 XR)
	Class 180 :	MOTOR VEHICLES
	180/400	STEERING GEAR
	180/417	.With fluid power assist
	180/421	..With condition modulated steering
	180/422	...With electrical control
6	180/247	(1 OR, 5 XR)
	Class 180 :	MOTOR VEHICLES
	180/233	HAVING FOUR WHEELS DRIVEN
	180/247	.With manually operated means for disengaging drive to one or more, but fewer than all, of the four wheels
6	280/5.515	(1 OR, 5 XR)
	Class 280 :	LAND VEHICLES
	280/5.5	SUSPENSION MODIFICATION ENACTED DURING TRAVEL (I.E., ACTIVE SUSPENSION CONTROL)
	280/5.515	.Suspension stiffness for ride comfort (e.g., damping coefficient, spring rate)
6	701/37	(4 OR, 2 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION

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701/36 .Vehicle subsystem or accessory control  
701/37 ..Suspension control

5 123/399 (1 OR, 4 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/319 ENGINE SPEED REGULATOR  
123/395 .Open loop condition responsive  
123/399 ..Having an electrical device between input and  
speed regulator

5 180/249 (1 OR, 4 XR)  
Class 180 : MOTOR VEHICLES  
180/233 HAVING FOUR WHEELS DRIVEN  
180/248 .With differential means for driving two wheel  
sets at dissimilar speeds  
180/249 ..And means for locking out the differential  
means

5 180/446 (2 OR, 3 XR)  
Class 180 : MOTOR VEHICLES  
180/400 STEERING GEAR  
180/443 .With electric power assist  
180/446 ..Condition modulated

5 303/147 (0 OR, 5 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/146 .With yaw control  
303/147 ..From speed sensors

5 701/70 (3 OR, 2 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION  
701/70 .Indication or control of braking,  
acceleration, or deceleration

4 180/248 (0 OR, 4 XR)  
Class 180 : MOTOR VEHICLES  
180/233 HAVING FOUR WHEELS DRIVEN  
180/248 .With differential means for driving two wheel  
sets at dissimilar speeds

4 303/113.4 (1 OR, 3 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/113.1 .Having a valve system responsive to a wheel  
lock signal  
303/113.4 ..Including a stroke sensor

4 303/140 (0 OR, 4 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/139 .And traction control  
303/140 ..With yaw control

4 303/162 (3 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS

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- 303/121 SPEED-CONTROLLED  
303/162 .Current control of linear piston drive motor
- 4 701/1 (3 OR, 1 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION
- 3 73/118.1 (3 OR, 0 XR)  
Class 073 : MEASURING AND TESTING  
73/116 MOTOR AND ENGINE TESTING  
73/118.1 .Testing auxiliary unit
- 3 73/146 (2 OR, 1 XR)  
Class 073 : MEASURING AND TESTING  
73/146 TIRE, TREAD OR ROADWAY
- 3 303/173 (0 OR, 3 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/121 SPEED-CONTROLLED  
303/171 .Wheel speed versus pseudo vehicle speed (e.g.,  
from deceleration)  
303/173 ..By comparison of plural wheel speeds
- 3 303/7 (2 OR, 1 XR)  
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
303/5 MULTIPLE FLUID-RECEIVING DEVICES  
303/6.01 .Multiple motors  
303/7 ..Sectional train
- 3 477/155 (0 OR, 3 XR)  
Class 477 : INTERRELATED POWER DELIVERY CONTROLS,  
INCLUDING ENGINE CONTROL  
477/34 TRANSMISSION CONTROL  
477/115 .Transmission controlled by engine  
477/121 ..By input manifold pressure or engine fuel  
control  
477/143 ...Servo motor timing  
477/155 ....Electric valve control
- 3 701/111 (3 OR, 0 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION  
701/99 .With indicator or control of power plant  
(e.g., performance)  
701/101 ..Internal-combustion engine  
701/102 ...Digital or programmed data processor  
701/111 ....Vibration, roughness, knock
- 3 701/36 (3 OR, 0 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION  
701/36 .Vehicle subsystem or accessory control

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3 701/71 (2 OR, 1 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/71 ..Antiskid, antilock, or brake slip control

3 701/74 (0 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/71 ..Antiskid, antilock, or brake slip control  
 701/74 ...Having particular means to determine a  
 reference value for wheel slippage or pseudo-vehicle speed

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3 701/99 (0 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/99 .With indicator or control of power plant  
 (e.g., performance)

2 73/116 (0 OR, 2 XR)  
 Class 073 : MEASURING AND TESTING  
 73/116 MOTOR AND ENGINE TESTING

2 73/117.3 (0 OR, 2 XR)  
 Class 073 : MEASURING AND TESTING  
 73/116 MOTOR AND ENGINE TESTING  
 73/117.2 .Disparate tests under operating conditions  
 73/117.3 ..With continuous operation

2 73/178R (2 OR, 0 XR)  
 Class 073 : MEASURING AND TESTING  
 73/178R NAVIGATION

2 73/669 (0 OR, 2 XR)  
 Class 073 : MEASURING AND TESTING  
 73/570 VIBRATION  
 73/662 .Vibrator  
 73/669 ..Vehicle shaker

2 123/352 (0 OR, 2 XR)  
 Class 123 : INTERNAL-COMBUSTION ENGINES  
 123/319 ENGINE SPEED REGULATOR  
 123/349 .Having condition responsive means with engine  
 being part of a closed feedback system (e.g., cruise  
 control)  
 123/350 ..Electrical sensing or regulating  
 123/352 ...Engine speed sensing having an error signal

10612178\_CLSTITLES  
producing circuit

- 2 123/361 (0 OR, 2 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/319 ENGINE SPEED REGULATOR  
123/349 .Having condition responsive means with engine  
being part of a closed feedback system (e.g., cruise  
control)  
123/350 ..Electrical sensing or regulating  
123/352 ...Engine speed sensing having an error signal  
producing circuit  
123/361 ....Circuit controls an electric throttle  
operator
- 2 123/436 (0 OR, 2 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)  
123/436 .Including means responsive to instantaneous  
change in engine speed
- 2 123/478 (1 OR, 1 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)  
123/445 .Fuel injection system  
123/472 ..Electrically actuated injector  
123/478 ...Actuator circuit (e.g., engine condition  
responsive electronic circuit actuates injector valve)
- 2 137/625.47 (0 OR, 2 XR)  
Class 137 : FLUID HANDLING  
137/561R SYSTEMS  
137/625 .Multi-way valve unit  
137/625.46 ..Rotary valve unit  
137/625.47 ...Plug
- 2 137/876 (0 OR, 2 XR)  
Class 137 : FLUID HANDLING  
137/561R SYSTEMS  
137/861 .With flow control means for branched passages  
137/872 ..With valve or movable deflector at junction  
137/876 ...Rotary valve or deflector
- 2 180/167 (0 OR, 2 XR)  
Class 180 : MOTOR VEHICLES  
180/167 WITH MEANS FOR CONTROLLING OPERATION RESPONSIVE  
TO ELECTROMAGNETIC RADIATION, MAGNETIC FORCE, OR SOUND  
WAVES RECEIVED FROM SOURCE, OR REFLECTED FROM OBJECT OR  
SURFACE, LOCATED APART FROM VEHICLE
- 2 180/169 (2 OR, 0 XR)  
Class 180 : MOTOR VEHICLES  
180/167 WITH MEANS FOR CONTROLLING OPERATION RESPONSIVE  
TO ELECTROMAGNETIC RADIATION, MAGNETIC FORCE, OR SOUND  
WAVES RECEIVED FROM SOURCE, OR REFLECTED FROM OBJECT OR  
SURFACE, LOCATED APART FROM VEHICLE

## 10612178\_CLSTITLES

180/169 .Radiation, force, or waves reflected from  
external object or surface

2 180/179 (2 OR, 0 XR)

Class 180 : MOTOR VEHICLES

180/170 WITH MEANS RESPONSIVE TO SPEED OF VEHICLE FOR  
MAINTAINING SPEED AT, OR PREVENTING IT FROM EXCEEDING,

A

PARTICULAR VALUE

180/178 .Including electrically actuated servomechanism

180/179 ..And electrical quantities comparison means  
for development of electrical input

2 180/233 (0 OR, 2 XR)

Class 180 : MOTOR VEHICLES

180/233 HAVING FOUR WHEELS DRIVEN

2 180/335 (0 OR, 2 XR)

Class 180 : MOTOR VEHICLES

180/315 MANUALLY ACTUATED CONTROLLING DEVICES

180/335 .With fuel or air throttle control

2 180/421 (0 OR, 2 XR)

Class 180 : MOTOR VEHICLES

180/400 STEERING GEAR

180/417 .With fluid power assist

180/421 ..With condition modulated steering

2 188/112A (0 OR, 2 XR)

Class 188 : BRAKES

188/381 FRICTIONAL VIBRATION DAMPER

188/105 .Multiple

188/106R ..Vehicle

188/112R ...Train

188/112A ....Anti-sway control

2 188/314 (0 OR, 2 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 .Having a thrust member with a variable volume  
chamber (e.g., coaxial or telescoping tubes, compensati

ng

reservoir)

188/313 ..With valve controlling fluid flow between  
chambers or compartments of the chamber

188/314 ...With reservoir for fluid

2 188/322.13 (0 OR, 2 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/322.13 .Valve structure or location

2 244/164 (1 OR, 1 XR)

Class 244 : AERONAUTICS

244/158R SPACECRAFT

244/164 .Attitude control

2 244/223 (1 OR, 1 XR)

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Class 244 : AERONAUTICS  
 244/75R AIRCRAFT CONTROL  
 244/220 .Pilot operated  
 244/221 ..Control system  
 244/223 ...With feel

2 280/5.514 (1 OR, 1 XR)  
 Class 280 : LAND VEHICLES  
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL  
 (I.E., ACTIVE SUSPENSION CONTROL)  
 280/5.514 .Riding or suspension height (e.g.,  
 ground-clearance, "trim height")

2 296/180.1 (1 OR, 1 XR)  
 Class 296 : LAND VEHICLES: BODIES AND TOPS  
 296/1.01 BODIES  
 296/180.1 .With distinct wind deflector

2 303/113.5 (0 OR, 2 XR)  
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
 303/121 SPEED-CONTROLLED  
 303/113.1 .Having a valve system responsive to a wheel  
 lock signal  
 303/113.5 ..With system apportioning control

2 303/115.2 (0 OR, 2 XR)  
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
 303/121 SPEED-CONTROLLED  
 303/113.1 .Having a valve system responsive to a wheel  
 lock signal  
 303/115.1 ..System controlled by expansible chamber type  
 modulator  
 303/115.2 ...Having electric control

2 303/150 (1 OR, 1 XR)  
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
 303/121 SPEED-CONTROLLED  
 303/150 .Specific mu determination

2 303/191 (2 OR, 0 XR)  
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
 303/121 SPEED-CONTROLLED  
 303/191 .Odd condition or device detection (e.g., fluid  
 or brake temperature, hill holder, anti-squeal controller  
 acoustic emission)

2 303/20 (0 OR, 2 XR)  
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
 303/20 ELECTRIC CONTROL

2 303/DIG 3 (0 OR, 2 XR)  
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS  
 303/DIG 2 BRAKE CONTROL BY PRESSURE COMPARISON  
 303/DIG 3 .Electrical pressure sensor

2 324/379 (0 OR, 2 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/378 INTERNAL-COMBUSTION ENGINE IGNITION SYSTEM OR

## 10612178\_CLSTITLES

## DEVICE

- 324/379 .With analysis of displayed waveform
- 2 340/903 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR OR  
 ALARM  
 340/902 .Transmitter in another vehicle (e.g.,  
 emergency vehicle)  
 340/903 ..Relative distance between vehicles (e.g.,  
 collision alert)
- 2 381/57 (1 OR, 1 XR)  
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS  
 AND DEVICES  
 381/56 MONITORING OF SOUND  
 381/57 .Amplification control responsive to ambient  
 sound
- 2 434/62 (1 OR, 1 XR)  
 Class 434 : EDUCATION AND DEMONSTRATION  
 434/29 VEHICLE OPERATOR INSTRUCTION OR TESTING  
 434/62 .Automobile or truck
- 2 477/154 (0 OR, 2 XR)  
 Class 477 : INTERRELATED POWER DELIVERY CONTROLS,  
 INCLUDING ENGINE CONTROL  
 477/34 TRANSMISSION CONTROL  
 477/115 .Transmission controlled by engine  
 477/121 ..By input manifold pressure or engine fuel  
 control  
 477/143 ...Servo motor timing  
 477/154 ....Speed responsive control
- 2 700/50 (0 OR, 2 XR)  
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
 SPECIFIC APPLICATIONS  
 700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS  
 700/28 .Optimization or adaptive control  
 700/50 ..Fuzzy logic
- 2 701/110 (0 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/99 .With indicator or control of power plant  
 (e.g., performance)  
 701/101 ..Internal-combustion engine  
 701/102 ...Digital or programmed data processor  
 701/110 ....Speed, acceleration, deceleration
- 2 701/13 (0 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/3 .Aeronautical vehicle  
 701/4 ..Altitude or attitude control or indication



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701/13	...	Spacecraft or satellite
2 701/20	(0 OR, 2 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/19		.Railway vehicle
701/20		..Railway vehicle speed control
2 701/213	(0 OR, 2 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200		NAVIGATION
701/207		.Employing position determining equipment
701/213		..Using Global Positioning System (GPS)
2 701/301	(1 OR, 1 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/300		RELATIVE LOCATION
701/301		.Collision avoidance
2 701/38	(1 OR, 1 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/36		.Vehicle subsystem or accessory control
701/37		..Suspension control
701/38		...Attitude change suppressive control (e.g., antiroll or antipitch)
2 701/42	(1 OR, 1 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/36		.Vehicle subsystem or accessory control
701/41		..Steering control
701/42		...Feedback, transfer function or proportional and derivative (P&D) control
2 701/43	(1 OR, 1 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/36		.Vehicle subsystem or accessory control
701/41		..Steering control
701/43		...Fail-safe system
2 701/51	(0 OR, 2 XR)	
Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/51		.Transmission control

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2 701/75 (1 OR, 1 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/71 ..Antiskid, antilock, or brake slip control  
 701/74 ...Having particular means to determine a  
 reference value for wheel slippage or pseudo-vehicle spe

ed

701/75 ....Correction or modification

2 701/80 (0 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/71 ..Antiskid, antilock, or brake slip control  
 701/78 ...Control of brake pressure  
 701/80 ....Having coefficient of friction or road  
 condition determining means

2 701/82 (0 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/82 ..Antispin, traction control, or drive slip  
 control

2 701/84 (2 OR, 0 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/82 ..Antispin, traction control, or drive slip  
 control  
 701/84 ...Control of engine torque

2 701/89 (0 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/70 .Indication or control of braking,  
 acceleration, or deceleration  
 701/82 ..Antispin, traction control, or drive slip  
 control  
 701/89 ...Four wheel drive vehicle

2 701/96 (1 OR, 1 XR)

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Class	701	:	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1			VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/70			.Indication or control of braking, acceleration, or deceleration
701/93			..Vehicle speed control (e.g., cruise control)
701/96			...Having inter-vehicle distance or speed control

  

2	703/8		(1 OR, 1 XR)
Class	703	:	DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION, AND EMULATION
703/6			SIMULATING NONELECTRICAL DEVICE OR SYSTEM
703/7			.Mechanical
703/8			..Vehicle